Trafa Pharmaceutical Inc.
140 Padgette Street, Unit D
Chicopee, MA 01022, USA
Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product Name:	**Soybean Extract**	Latin Name:	***Glycine max (Linn.) Merr.***
Part used:	**Soybean meal, Germ**	Extract Solvent:	**Ethanol & Water**
Country Origin:	**China**	Extract Ratio:	/
Representative Qty.:	**1000kg**		

ITEM		SPECIFICATION	STANDARD REFERENCED
Physical	Appearance	Light yellow powder	Visual
	Odor	Characteristic	Sensory
	Taste	Characteristic	Sensory
	Loss on drying	≤5.0%	2g/105℃/5hrs
	Ash	≤5.0%	2g/600℃/5hrs
	Loose density	0.300-0.700g/ml	W/V
	Tapped density	0.400-0.800g/ml	W/V
	Particle size	98% pass 80 mesh	Sieve
Chemical	Heavy metals	≤10ppm	Colorimetric method
	Arsenic (As)	≤2ppm	Atomic Absorption
	Lead (Pb)	≤2ppm	Atomic Absorption
	Cadmium (Cd)	≤1ppm	Atomic Absorption
	Mercury (Hg)	≤0.1ppm	Atomic Absorption
	Solvent residual	≤5000ppm	Gas Chromatography
Assay	Total Isoflavones	≥40.0%	HPLC
	Daidzin	-	HPLC
	Glycitin	-	HPLC
	Genistin	-	HPLC
	Daindzein	-	HPLC
	Glycitein	-	HPLC
	Genistein	-	HPLC
Microbial	Total microbacterial count	≤10000CFU/g	ChP
	Mould	≤1000CFU/g	ChP

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	Yeast	≤1000CFU/g	ChP
	Coliform	Negative	ChP
	Salmonella	Negative	ChP
Else	Packing	Pack in paper-drums and two food grade poly bags inside. Net weight:	
	Storage condition	Store in a well closed place with constant low temperature and no direct sun light	
	Shelf life	Three years when properly stored	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____
Abdullah Malik (QA)